

Tania Urmee

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

3,010
citations

147801

31
h-index

168389

53
g-index

73
all docs

73
docs citations

73
times ranked

3013
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling techniques used in building HVAC control systems: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 83, 64-84.	16.4	232
2	Residential peak electricity demand response—Highlights of some behavioural issues. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 25, 71-77.	16.4	206
3	Issues related to rural electrification using renewable energy in developing countries of Asia and Pacific. <i>Renewable Energy</i> , 2009, 34, 354-357.	8.9	190
4	The contribution of dust to performance degradation of PV modules in a temperate climate zone. <i>Solar Energy</i> , 2015, 120, 147-157.	6.1	133
5	From goals to joules: A quantitative approach of interlinkages between energy and the Sustainable Development Goals. <i>Energy Research and Social Science</i> , 2019, 50, 201-214.	6.4	128
6	Urban wind conditions and small wind turbines in the built environment: A review. <i>Renewable Energy</i> , 2019, 131, 268-283.	8.9	118
7	A review of improved Cookstove technologies and programs. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 33, 625-635.	16.4	103
8	Social, cultural and political dimensions of off-grid renewable energy programs in developing countries. <i>Renewable Energy</i> , 2016, 93, 159-167.	8.9	95
9	Strengthening the palm oil biomass Renewable Energy industry in Malaysia. <i>Renewable Energy</i> , 2013, 60, 107-115.	8.9	91
10	Seasonal effect of dust on the degradation of PV modules performance deployed in different climate areas. <i>Renewable Energy</i> , 2017, 111, 105-115.	8.9	85
11	Real-time prediction model for indoor temperature in a commercial building. <i>Applied Energy</i> , 2018, 231, 29-53.	10.1	80
12	A preliminary feasibility of roof-mounted solar PV systems in the Maldives. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 83, 18-32.	16.4	75
13	Life cycle assessment of a community hydroelectric power system in rural Thailand. <i>Renewable Energy</i> , 2011, 36, 2799-2808.	8.9	74
14	Performance and safety of rooftop wind turbines: Use of CFD to gain insight into inflow conditions. <i>Renewable Energy</i> , 2014, 67, 242-251.	8.9	67
15	The effect of dust with different morphologies on the performance degradation of photovoltaic modules. <i>Sustainable Energy Technologies and Assessments</i> , 2019, 31, 347-354.	2.7	63
16	Determinants of the success and sustainability of Bangladesh's SHS program. <i>Renewable Energy</i> , 2011, 36, 2822-2830.	8.9	58
17	Technical challenges of PV deployment into remote Australian electricity networks: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 77, 1309-1325.	16.4	55
18	A survey of solar PV program implementers in Asia and the Pacific regions. <i>Energy for Sustainable Development</i> , 2009, 13, 24-32.	4.5	52

#	ARTICLE	IF	CITATIONS
19	Generating renewable energy from oil palm biomass in Malaysia: The Feed-in Tariff policy framework. Biomass and Bioenergy, 2014, 62, 37-46.	5.7	52
20	Dust Effect and its Economic Analysis on PV Modules Deployed in a Temperate Climate Zone. Energy Procedia, 2016, 100, 65-68.	1.8	51
21	Review and assessment of energy policy developments in Chile. Energy Policy, 2019, 127, 87-101.	8.8	51
22	Energy and economic losses caused by dust on residential photovoltaic (PV) systems deployed in different climate areas. Renewable Energy, 2018, 120, 401-412.	8.9	49
23	A policy framework and industry roadmap model for sustainable oil palm biomass electricity generation in Malaysia. Renewable Energy, 2018, 128, 275-284.	8.9	48
24	Potentials and opportunities for low carbon energy transition in Vietnam: A policy analysis. Energy Policy, 2019, 134, 110818.	8.8	47
25	PV system defects identification using Remotely Piloted Aircraft (RPA) based infrared (IR) imaging: A review. Solar Energy, 2020, 206, 579-595.	6.1	47
26	Sustainable electricity generation from oil palm biomass wastes in Malaysia: An industry survey. Energy, 2014, 67, 496-505.	8.8	45
27	Identifying the determinants of residential electricity consumption for social housing in Perth, Western Australia. Energy and Buildings, 2016, 133, 403-413.	6.7	44
28	Options for off-grid electrification in the Kingdom of Bhutan. Renewable Energy, 2012, 45, 51-58.	8.9	43
29	An assessment of energy policy impacts on achieving Sustainable Development Goal 7 in Indonesia. Energy for Sustainable Development, 2020, 59, 33-48.	4.5	35
30	Implications of the Sustainable Development Goals on national energy demand: The case of Indonesia. Energy, 2020, 196, 117100.	8.8	35
31	Reviewing the scope and thematic focus of 100,000 publications on energy consumption, services and social aspects of climate change: a big data approach to demand-side mitigation [*] . Environmental Research Letters, 2021, 16, 033001.	5.2	34
32	Predictive modelling and optimization of HVAC systems using neural network and particle swarm optimization algorithm. Building and Environment, 2022, 209, 108681.	6.9	34
33	Planning of off-grid power supply systems in remote areas using multi-criteria decision analysis. Energy, 2020, 201, 117580.	8.8	31
34	Prediction of Indoor Temperature in an Institutional Building. Energy Procedia, 2017, 142, 1860-1866.	1.8	30
35	Rooftop wind monitoring campaigns for small wind turbine applications: Effect of sampling rate and averaging period. Renewable Energy, 2015, 77, 320-330.	8.9	28
36	Comparison of energy scenario alternatives for Chile: Towards low-carbon energy transition by 2030. Energy, 2020, 206, 118021.	8.8	28

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37	The solar home PV program in Fiji – A successful RESCO approach?. Renewable Energy, 2012, 48, 499-506.	8.9	27
38	An analysis of additional energy requirement to meet the sustainable development goals. Journal of Cleaner Production, 2020, 272, 122646.	9.3	27
39	The Role of Micro Hydro Power Systems in Remote Rural Electrification: A Case Study in The Bawan Valley, Borneo. Procedia Engineering, 2012, 49, 189-196.	1.2	26
40	A model to evaluate the success of Solar Home Systems. Renewable and Sustainable Energy Reviews, 2015, 50, 245-255.	16.4	26
41	An energy flow simulation tool for incorporating short-term PV forecasting in a diesel-PV-battery off-grid power supply system. Applied Energy, 2019, 254, 113718.	10.1	26
42	Modelling the structural loading of a small wind turbine at a highly turbulent site via modifications to the Kaimal turbulence spectra. Renewable Energy, 2017, 105, 288-300.	8.9	23
43	Extent to which international wind turbine design standard, IEC61400-2 is valid for a rooftop wind installation. Journal of Wind Engineering and Industrial Aerodynamics, 2015, 139, 50-61.	3.9	19
44	Issues of small scale renewable energy systems installed in rural Soum centres in Mongolia. Energy for Sustainable Development, 2015, 27, 1-9.	4.5	18
45	Energy efficiency status of the community housing in Australia. Renewable and Sustainable Energy Reviews, 2012, 16, 1916-1925.	16.4	17
46	Opportunities and challenges of energy service companies to promote energy efficiency programs in Indonesia. Energy, 2020, 205, 117603.	8.8	17
47	Importance of individual capacity building for successful solar program implementation: A case study in the Philippines. Renewable Energy, 2014, 71, 176-184.	8.9	16
48	Solar water heaters uptake in Australia – Issues and barriers. Sustainable Energy Technologies and Assessments, 2018, 30, 11-23.	2.7	16
49	Evaluation of real-life demand-controlled ventilation from the perception of indoor air quality with probable implications. Energy and Buildings, 2020, 219, 110018.	6.7	14
50	A design consideration for solar PV-diesel remote electricity network: Australia perspective. , 2016, , .		13
51	Examining the potential for developing women-led solar PV enterprises in rural Myanmar. Renewable and Sustainable Energy Reviews, 2016, 57, 576-583.	16.4	13
52	Photovoltaics for Rural Electrification in Developing Countries. Green Energy and Technology, 2016, , .	0.6	11
53	Using Experts’™ Opinions and Multi-Criteria Decision Analysis to Determine the Weighing of Criteria Employed in Planning Remote Area Microgrids. , 2018, , .		11
54	Technological Advancement of Energy Management Facility of Institutional Buildings: A Case Study. Energy Procedia, 2017, 142, 3088-3095.	1.8	9

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55	A comprehensive techno-economic and power quality analysis of a remote PV-diesel system in Australia. <i>Renewable Energy and Environmental Sustainability</i> , 2017, 2, 24.	1.4	9
56	The effect of aggregation on city sustainability rankings. <i>Ecological Indicators</i> , 2020, 112, 106076.	6.3	9
57	Modelling of ASEAN Power Grid Using Publicly Available Data. , 2018, , .		5
58	Incorporating the institutions' perspective into a proposed model for assessing success of solar home system implementations. , 2016, , .		4
59	Design and fabrication of low cost solar water heaters. <i>Renewable Energy</i> , 1996, 9, 609-612.	8.9	3
60	The renewable energy household lighting for Chibayish inhabitantâ€™s in Iraq. <i>Renewable Energy and Environmental Sustainability</i> , 2017, 2, 15.	1.4	3
61	Sustainable energy for all: Impacts of Sustainable Development Goals implementation on household sector energy demand in Indonesia. , 2018, , .		3
62	An Assessment of Incentives Combination for Solar Energy Technologies-A Case Study for Chile. , 2018, , .		3
63	Influence of occupancy on building energy performance: a case study from social housing dwellings in Perth, Western Australia. <i>Renewable Energy and Environmental Sustainability</i> , 2017, 2, 44.	1.4	2
64	Tuning approach of dynamic control strategy of temperature set-point for existing commercial buildings. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 609, 062029.	0.6	2
65	Prospects and Problems of Increasing Electricity Production from Mid-Size Renewable Energy Generation on the South-West Interconnected System (SWIS) in WA. <i>Procedia Engineering</i> , 2012, 49, 57-65.	1.2	1
66	Development of Energy Service Company (ESCO) Market to Promote Energy Efficiency Programmes in Developing Countries. <i>Innovative Renewable Energy</i> , 2018, , 283-294.	0.4	0
67	Incorporating the user perspective into a proposed model for assessing success of SHS implementations. <i>AIMS Energy</i> , 2015, 3, 679-698.	1.9	0
68	Success and Sustainability Criteria and Issues for SHS Programmes. <i>Green Energy and Technology</i> , 2016, , 79-107.	0.6	0
69	Programme Evaluation. <i>Green Energy and Technology</i> , 2016, , 109-205.	0.6	0
70	Framework for Successful Implementation of SHS Programme. <i>Green Energy and Technology</i> , 2016, , 207-236.	0.6	0
71	Solar Home Systemsâ€™ A Description of the Technology and Its Applications. <i>Green Energy and Technology</i> , 2016, , 17-48.	0.6	0